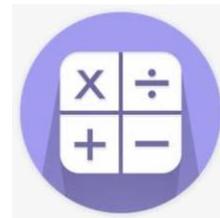




# Math Challenge



MAESA SCHOLARS FAIR  
Friday, April 29, 2022

## GUIDELINES

**Contact for Information:** Beth Cole [coleb@stpatsdc.org](mailto:coleb@stpatsdc.org)  
Katherine F. Murphy [maesaschools@gmail.com](mailto:maesaschools@gmail.com)

**Number of Participants:** Four (4) participants and one (1) alternate per age group

**Age Groups:** Grades 4-6 & Grades 7-8

**Competition:** Grades 4-6 Time TBD  
Grades 7-8 Time TBD

**Please indicate on the registration form the names of faculty members who have agreed to help with the judging of this event.**

For each age group, medals will be presented to the top three individuals in the individual round competition and the top three teams overall in the group competition.

## RULES AND PROCEDURES

1. Questions for the Math Challenge will be aligned with the ISMAW math meets and the national MATHCOUNTS competition, although they will be independently produced. Math Challenge questions are designed to test each student's knowledge of math and not to confuse or trick participants. A teacher-guided student review that uses an educational approach is recommended as a way to prepare contestants. Teachers may suggest that students use the *NCTM Problems of the Week* as a guide. Students can also check online at Continental Math League for additional resources.
2. **Individual Challenge:** Contestants will work independently on 10 math questions in the 30 minute independent challenge. All four members of a school team will participate. Calculators are allowed.
3. Complete instructions will be read to all contestants before the individual challenge.
4. After completing the individual challenge, students will have a brief break and then return for the group challenge.
5. After this round, judges will determine the ranking of each individual participant. If the top three individuals are clearly identified, the individual round is complete. Medals for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place in both age groups will be given at the awards ceremony. See below for tie breakers.

6. **Group Challenge:** Comprised of six questions, students work together in their groups of four to solve as many of the questions as possible in 30 minutes.

7. After this round, judges will determine the ranking of each school team. If the top three groups are clearly identified, the individual round is complete. The team awards will be based on the combined score of the four individuals as well as the team's score on the group challenge. Medals will not be awarded for the group challenge but school's names topping each age group in the group challenge round will be read at the awards ceremony. See below for tie breakers.

8. If there are any ties in the individual round, individual student work will be compared. The same process will be applied for any teams that tie in the group challenge.